GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:1567
ANSWERED ON:07.03.2001
SATELLITE IMAGES OF GUJARAT
JAI PRAKASH

Will the Minister of SPACE be pleased to state:

(a) whether the satellite images of Rann of Kutch area of Gujarat sent by the Remote sensing satellite through I.R.S. 1-D after the devastating earthquake have indicated major geographical changes;

(b) if so, the details thereof;

(c) whether the Indian scientists have studied these changes; and

(d) if so, the details thereof and the likely impact thereof in that area?

Answer

MINISTER OF STATE IN THE DEPARTMENT OF SPACE (SMT. VASUNDHARA RAJE):

(a),(b) } No, Sir. The images of Rann of Kutch area of Gujarat, from the Indian

(c)&(d)} Remote Sensing Satellites, IRS-1C and IRS-1D, studied by Scientists of Department of Space and Gujarat State Remot Sensing & Communications Centre, Gandhinagar, subsequent to the devastating earthquake, have not shown any major geographical changes therein. However, the satellite image acquired on January 29, 2001 had shown some minor geographical changes, specifically, a few water channels in the Rann area. These channels formed by surging of the underground water, possibly due to compression of sediments during the earthquake, had also persisted for a few days, as monitored by using successive images from IRS satellites. However, the satellite images acquired after February 1, 2001 have shown that these water channels have subsequently dried up.